

Title (en)

METHOD AND APPARATUS FOR MEASURING ACTIVITY IN THE PERIPHERAL NERVOUS SYSTEM

Title (de)

VERFAHREN UND GERÄT ZUR MESSUNG DER AKTIVITÄT IM PERIPHEREN NERVENSYSTEM

Title (fr)

PROCÉDÉ ET DISPOSITIF DE MESURE DE L'ACTIVITÉ DANS LE SYSTÈME NERVEUX PÉRIPHÉRIQUE

Publication

**EP 2037802 A2 20090325 (EN)**

Application

**EP 07733493 A 20070705**

Priority

- GB 2007002552 W 20070705
- GB 0613698 A 20060710

Abstract (en)

[origin: WO2008007065A2] A method and apparatus for measuring activity in the peripheral nervous system comprises a nerve cuff (40) having an array (62) of chemical detectors such as chemFETS or ISFETS. Activity within the nerve causes chemical responses which can be detected. The use of chemical rather than electrical detection minimises interference problems and allows the cuffs to be made smaller.

IPC 8 full level

**A61B 5/04** (2006.01); **G01N 27/414** (2006.01)

CPC (source: EP US)

**A61B 5/24** (2021.01 - EP); **A61B 5/388** (2021.01 - US); **A61B 5/4041** (2013.01 - EP US); **A61B 5/4094** (2013.01 - EP US); **A61N 1/0556** (2013.01 - US); **A61B 5/7217** (2013.01 - EP US)

Citation (search report)

See references of WO 2008007065A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**WO 2008007065 A2 20080117**; **WO 2008007065 A3 20080306**; CN 101489473 A 20090722; CN 101489473 B 20130814; CN 103211589 A 20130724; CN 103211589 B 20151118; DK 2037802 T3 20120924; EP 2037802 A2 20090325; EP 2037802 B1 20120530; EP 2374408 A1 20111012; GB 0613698 D0 20060816; US 2009292345 A1 20091126; US 9055875 B2 20150616

DOCDB simple family (application)

**GB 2007002552 W 20070705**; CN 200780027178 A 20070705; CN 201310075259 A 20070705; DK 07733493 T 20070705; EP 07733493 A 20070705; EP 11172505 A 20070705; GB 0613698 A 20060710; US 37349107 A 20070705